



Anti-PEX6 (aa 881-980) polyclonal antibody (DPAB-DC2217)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) family of ATPases. This member is a predominantly cytoplasmic protein, which plays a direct role in peroxisomal protein import and is required for PTS1 (peroxisomal targeting signal 1, a C-terminal tripeptide of the sequence ser-lys-leu) receptor activity. Mutations in this gene cause peroxisome biogenesis disorders of complementation group 4 and complementation group 6.
Immunogen	PEX6 (NP_000278, 881 a.a. ~ 980 a.a) partial recombinant protein with GST tag. The sequence is RVLSAIRKFKLEPSVSLVNVLDCCPPQLTGADLYSLCSDAMTAALKRRVHDLEEGLEPG SSALMLTMEDLLQAAARLQPSVSEQELLYRKRIQRKFAAC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PEX6 peroxisomal biogenesis factor 6 [Homo sapiens (human)]
Official Symbol	PEX6
Synonyms	PEX6; peroxisomal biogenesis factor 6; PAF2; PAF-2; PBD4A; PDB4B; PXAAA1; peroxisome biogenesis factor 6; peroxin-6; peroxisomal-type ATPase 1; peroxisome assembly factor 2; peroxisomal AAA-type ATPase 1;
Entrez Gene ID	5190
Protein Refseq	NP_000278
UniProt ID	A0A024RD09
Chromosome Location	6p21.1
Pathway	Peroxisome.
Function	ATP binding; ATPase activity; ATPase activity, coupled; protein C-terminus binding